

## Panasonic Lumix DMC-LX1EG-K



The DMC-LX1 features a 4x optical zoom with a 28 to 112mm wide-angle capability (35mm equivalent). This and a 1/1.65" diagonal CCD with 8.4 million effective pixels give you superb image quality over a wide shooting range. The Extended Optical Zoom, which minimizes the image degradation that normally occurs with digital zooming, gives you up to 5x zooming power. Plus, the 4x optical zoom and 4x digital zoom can be used together to produce a maximum of 16x zooming power. The DMC-LX1 features a 2.5" diagonal high-resolution LCD monitor - surprisingly large for such a compact camera. This high-quality, 207, 000-pixel display makes it easy to see your subject. For easier viewing when shooting outdoors on a sunny day, press the Power LCD button to boost the backlighting by about 40%. Jitter from shaky hands is one of the main reasons why cameras produce blurry images. Not everyone has hands of stone when taking pictures - that's why Lumix cameras help solve the problem of unsteady hands with advanced MEGA Optical Image Stabilizer technology. The DMC-LX1 has a built-in gyrosensor that detects any hand movement and relays a signal to a tiny microcomputer inside the camera, which instantly calculates the compensation needed. A linear motor then shifts the Optical Image Stabilizer lens as necessary to guide incoming light from the image straight to the CCD. You won't even notice it working - all you'll see are the outstanding results! In addition to displaying the settings in large, easy-to-understand text, the large, 2.5" diagonal screen with 230, 000-pixel resolution lets you show up to 25 thumbnail images at once. This makes it easier to search for, and organize, the photos you take. A switch at the top of the lens barrel lets you choose an aspect ratio of normal 4:3, wide 16:9, or the 3:2 used in film cameras. A 16:9 image is obtained using the wide-angle lens and large CCD, instead of the conventional method of cropping the top and bottom of a 4:3 image. A switch on the side of the lens lets you match the focusing operation to your shot. Choose from 1-point AF (normal or high-speed), 3-point high-speed AF, 9-point AF, Spot AF, AF macro to focus from as close as 0.16feet (5cm) from the subject, or manual focus using the joystick. Focusing is also made easier by the Manual Focus Assist function, which lets you enlarge the center

of the LCD image to check the focus, and the AF Assist Lamp for focusing in dimly lit places. Thanks to the Venus Engine II's release time lag of around 0.008 second and shutter interval of around 0.4 second, the DMC-LX1 is super-fast. You can snap off consecutive shots at 3 frames per second with full resolution. And with Unlimited Consecutive Shooting, you can keep shooting until the memory card is full.

[www.dooyoo.co.uk](http://www.dooyoo.co.uk) :: Photography :: Digital Camera :: Panasonic Lumix DMC-LX1EG-K

General	
Product Type	Digital camera
Width	10.6 cm
Depth	2.7 cm
Height	5.6 cm
Weight	0.2 kg
Enclosure Colour	Black

Main Features	
Resolution	8.4 Megapixel
Colour Support	Colour
Optical Sensor Type	CCD
Total Pixels	8,610,000 pixels
Effective Sensor Resolution	8,400,000 pixels
Optical Sensor Size	1/1.65"
Light Sensitivity	ISO 100, ISO 400, ISO 200, ISO 80, ISO auto
Digital Zoom	4 x
Shooting Modes	Frame movie mode
Shooting Modes	Portrait mode, party/indoor, night portrait, scenery, fireworks, night scene, panning, sports mode, candle, snow, baby, starry sky, soft skin
Special Effects	Cool, Warm, Black & White, Sepia, Saturation, Contrast compensation, noise
Image Stabiliser	Optical
Max Shutter Speed	1/2000 sec
Min Shutter Speed	60 sec
Exposure Metering	Multi-segment, centre-weighted, spot
Exposure Modes	Programme, automatic, manual, aperture-priority, shutter-priority
Exposure Compensation	±2 EV range, in 1/3 EV steps
Auto Exposure Bracketing	3 steps in 1/3 EV step
White Balance	Custom, automatic, presets
White Balance Presets	Cloudy, daylight, halogen
Digital Video Format	QuickTime
Still Image Format	JPEG, TIFF, RAW
Continuous Shooting Speed	2 frames per second, 3 frames per second
Video Capture	QuickTime - 640 x 480 - 10 fps   QuickTime - 320 x 240 - 10 fps   QuickTime - 848 x 480 - 10 fps   QuickTime - 640 x 480 - 30 fps   QuickTime - 320 x 240 - 30 fps   QuickTime - 848 x 480 - 30 fps

Memory / Storage	
Flash Memory	32 MB Flash - SD Memory Card
Supported Flash Memory	MultiMediaCard, SD Memory Card
Image Storage	TIFF 3840 x 2160 : 1 - with 32MB card   RAW 3840 x 2160 :

1 - with 32MB card | Fine JPEG 3840 x 2160 : 7 - with 32MB card | Normal JPEG 3840 x 2160 : 14 - with 32MB card | TIFF 3072 x 1728 : 1 - with 32MB card | Fine JPEG 3072 x 1728 : 11 - with 32MB card | Normal JPEG 3072 x 1728 : 22 - with 32MB card | TIFF 1920 x 1080 : 4 - with 32MB card | Fine JPEG 1920 x 1080 : 28 - with 32MB card | Normal JPEG 1920 x 1080 : 54 - with 32MB card | TIFF 3248 x 2160 : 1 - with 32MB card | RAW 3248 x 2160 : 1 - with 32MB card | Fine JPEG 3248 x 2160 : 8 - with 32MB card | Normal JPEG 3248 x 2160 : 17 - with 32MB card | TIFF 2560 x 1712 : 2 - with 32MB card | Fine JPEG 2560 x 1712 : 13 - with 32MB card | Normal JPEG 2560 x 1712 : 27 - with 32MB card | TIFF 2048 x 1360 : 3 - with 32MB card | Fine JPEG 2048 x 1360 : 21 - with 32MB card | Normal JPEG 2048 x 1360 : 41 - with 32MB card | TIFF 2880 x 2160 : 1 - with 32MB card | RAW 2880 x 2160 : 1 - with 32MB card | Fine JPEG 2880 x 2160 : 9 - with 32MB card | Normal JPEG 2880 x 2160 : 19 - with 32MB card | TIFF 2304 x 1728 : 2 - with 32MB card | Fine JPEG 2304 x 1728 : 15 - with 32MB card | Normal JPEG 2304 x 1728 : 29 - with 32MB card | TIFF 2048 x 1536 : 3 - with 32MB card | Fine JPEG 2048 x 1536 : 19 - with 32MB card | Normal JPEG 2048 x 1536 : 37 - with 32MB card | TIFF 1600 x 1200 : 4 - with 32MB card | Fine JPEG 1600 x 1200 : 30 - with 32MB card | Normal JPEG 1600 x 1200 : 59 - with 32MB card | TIFF 1280 x 1024 : 7 - with 32MB card | Fine JPEG 1280 x 1024 : 46 - with 32MB card | Normal JPEG 1280 x 1024 : 86 - with 32MB card

## Camera Flash

Camera Flash	Pop-up flash
Flash Modes	Fill-in mode, slow synchro, auto mode, flash OFF mode, red-eye reduction
Red Eye Reduction	Built-in
Effective Flash Range	0.3 m - 4.1 m
Features	AF illuminator, flash +/- compensation

Lens System	
Type	Zoom lens - 6.3 mm - 25.2 mm - f/2.8-4.9
Focal Length	6.3 mm - 25.2 mm
Focal Length Equivalent to 35mm Camera	28 - 112mm
Focus Adjustment	Automatic, manual
Auto Focus	TTL contrast detection
Auto Focus Points (Zones)	9
Min Focus Range	50 cm
Macro Focus Range	5-50cm
Lens Aperture	F/2.8-4.9
Optical Zoom	4 x
Zoom Adjustment	Motorised drive
Lens Construction	8 group(s) / 9 element(s)
Lens Manufacturer	Leica
Features	Built-in lens shield, aspherical lens

Additional Features	
Self Timer	Yes
Self Timer Delay	10 sec, 2sec
Additional Features	Audio recording, direct print, built-in speaker, RGB primary colour filter, auto power save, digital noise reduction, DPOF support, digital image rotation, camera orientation detection, PictBridge support, histogram display, resizing an image

Display	
Type	LCD display - TFT active matrix - 2.5" - colour
Display Form Factor	Built-in
Display Format	207,000 pixels

Microphone	
Type	Microphone - built-in

Connections	
Connector Type	1 x USB   1 x composite video/audio output   1 x DC power input
Expansion Slot(s)	1 x SD Memory Card

Software	
Software	Drivers & Utilities, ArcSoft PhotoImpression, ArcSoft PhotoBase, ArcSoft Panorama Maker, LUMIX Simple Viewer, Photo Fun Studio

System Requirements for PC Connection	
Operating System Support	MS Windows XP, MS Windows 2000, MS Windows ME, MS Windows98, MS Windows 98 SE, Apple Mac OS X
Peripheral Devices	USB port, CD-ROM Drive

Miscellaneous	
Included Accessories	Lens cap, battery case, hand strap
Cables Included	USB cable ! A/V cable

Power	
Power Device	Power adapter - external

Battery	
Supported Battery Details	1 x Li-ion rechargeable battery - 1150 mAh ( included )